

SCIENCE AND ENGINEERING RESEARCH COUNCIL
RUTHERFORD APPLETON LABORATORY

COMPUTING DIVISION

D I S T R I B U T E D C O M P U T I N G N O T E 6 3 0

PERQ Technical Note 25

issued by
A P Ferryman

Current Location and PERQ Status Report

24th May 1982

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PERQ STATUS REPORT

At present SERC has received 91 Perq Computer Systems from ICL and Three Rivers Computers Limited. These 91 Perqs are located as follows:

RAL	44 SYSTEMS
QMC	2 SYSTEMS
EDINBURGH UNIVERSITY	2 SYSTEMS
MANCHESTER UNIVERSITY	1 SYSTEM
UNIVERSITY OF KENT	1 SYSTEM
DARESURY LABORATORY	1 SYSTEM
SWINDON HEAD OFFICE	1 SYSTEM
UMIST	2 SYSTEMS
CERN	1 SYSTEM
HATFIELD POLYTECHNIC	1 SYSTEM
ICL BRACKNELL	34 SYSTEMS
ICL ABINGDON	1 SYSTEM

The 34 systems at ICL Bracknell are being stored by ICL until suitable locations can be found for them. Of the 44 systems currently at RAL, 8 systems still remain to be unpacked and tested prior to installation.

Of the 91 systems there are three basic types, they are:

	QUANTITY
1 MEGABYTE MEMORY	(6)
$\frac{1}{2}$ MEGABYTE MEMORY	(21)
$\frac{1}{4}$ MEGABYTE MEMORY	(61)

PERQ REFURBISHING

The 3 original Three Rivers Perqs are scheduled for refurbishing before inclusion in the ICL Perq maintenance contract which is at present under discussion. One of the 3 Perqs has already been despatched to ICL Abingdon and the remaining pair will be sent as soon as is convenient.

PERQ RELIABILITY

Perq reliability, as many users will know, has to date been far from acceptable although with any new system, faults are bound to occur in the initial stages. At present 3 Perqs are faulty in some way or another and in addition to these faults many Perqs have been repaired by the engineer. However the situation does appear to be improving, some common faults have been identified and eliminated and early 'bugs' in the hardware reduced. The supply of replacement parts has improved dramatically and the down time for faulty Perqs has been considerably reduced. To allow users whose own Perqs are faulty to continue working, several Perqs will be installed as WORKSTATIONS for general users throughout RAL.

WORKSTATIONS

Four Perqs will initially be set up as workstations, two of these are already in place on the R30 Computer Room and a further two will be installed in G18 (demonstration room) in the near future. The workstations on the R30 Computer Room are connected to the PDP-11/70 although by switching cables access can be made to the 11/34 or PACX. The Perqs in G18 can be connected by the switching box to either PACX or SYSTIME. After completion of the move to the new computer room in R30 further Perq workstations will be placed in the R30 Terminal Room. When using a workstation please do not:-

- (a) create unnecessary directories
- (b) put more files in the boot partition than is necessary
- (c) leave unwanted files on the Perq.

When using the workstations in G18 please try and refrain from using the DEMONSTRATION Perqs.

<u>WORKSTATION SERC NO</u>	<u>LOCATION</u>	<u>CONNECTIONS AVAILABLE</u>		
		<u>PACK</u>	<u>11/70</u>	<u>11/34</u>
NOT INSTALLED	G18	/	/	
NOT INSTALLED	G18	/	/	
143	PLINTH	/	/	/
112	PLINTH	/	/	/

DEMONSTRATION PERQS

Three Perqs are currently set up in G18 as DEMONSTRATION Perqs, one of which is due in the near future for removal and despatched to ICL Abingdon for refurbishing. These three Perqs are clearly marked 'DEMONSTRATION', please do not use them for general work unless absolutely vital. A further pair of Perqs have been set up as demonstration Perqs for external demonstrations.

FAULT REPORTS

Until the maintenance contract with ICL is finalized all faulty Perqs requiring engineers attention have to be notified by myself. Therefore to assist the ICL Engineer and myself please fill in the fault reports as fully as possible enabling the engineer to assess the fault before he departs so that he can bring the necessary spares with him.

A Ferryman
23 April 1982

SERC PERQ No	ICL No	REAL No	OWNER	LOCATION	NAME	TEL No
101	3R110	XXXXX		ICL ABINGDON	REFURBISHING	
102	3R122	XXXXX		NOT UNPACKED		
103	3R124	XXXXX		PTKB 2 S		X 584
104	105	16022	CC	UMIST	A EDWARDS	061 236 3311 X2268
105	106	16023	CC	PTKB 2 N	ICL PROGS	X 584
106	185	16010	DCS	Q.M.C.	B NEWMAN	01 980 4811 X751
107	108	16019	CC	R30.2	DEMONSTRATION	X 406
103	109	16024	DCS	F37	A WALTER	X 6555
109	110	16025	CC	PTKB 2 S		X 584
110	111	16026	DCS	MANCHESTER UNIV	I WATSON	61 273 1993
111	115	16020	EBCC	G11	K FERMOR	X 6394
112	116	16027	DCS	R30 COMPUTER RM	WORKSTATION	
113	117	16018	EBCC	EDINBURGH U.	R RAE	031 667 1011 X2555
114	141	15999	DCS	U. KENT	H BROWN	0227 66822 X7550
115	130	15995	DL	DARESBUURY LAB	P WILKES	0925 65000 X275
116	131	15996	EBCC	R25	D BOYD	X 6167
117	133	15998	ST	F32	L O FORD	X 361
118	134	15997	ST	G18	DEMONSTRATION	X 406
119	118	16021	EBCC	PTKB 2 S		X 584
120	305	16011	EBCC	G18	WORKSTATION	X 406
121	*132	16002	ST	R30.8	C WEBB	X 6566
122	136	16003	EDPU	SWINDON	W ROBERTSON	72 X 2141
123	150	16004	ST	G10	G JONES	X 6147
124	**152	16005	ST	R30.2	J MALONE	X 6146
125	153	16006	ST	F14	P WALLACE	X 372
126	154	16007	ST	G42	E THOMAS	X 6219
127	170	16008	ST	UMIST	A EDWARDS	061 236 3311 X2268
128	171	16009	ST	G18	WORKSTATION	X 406
129	107	16017	DCS	Q.M.C.	B NEWMAN	01 980 4811 X751
130	143	16001	CC	CERN	C VANDONI	
131	306	16012	ST	G17	I BENEST	X 6398
132	307	16013	EBCC	F16	F.R.A. HOPGOOD	X 547
133	303	17888	CCSC	HATFIELD POLY	B HUCKLE	
134	196	17890	ROB	EDINBURGH U.	R POPPLESTONE	031 667 1011
135	197	17887	EBCC	PTKB 2 S		X 584
136	198	17886	EBCC	G36	I GEORGII	X 6293
137	*199	17885	CC	F11	C D OSLAND	X 6565
138	200	17884	EBCC	G28	P NEWTON	X 598
139	201	17899	EBCC	R25	DEMONSTRATION	X 406
140	202		CC	NOT UNPACKED		
141	203	17893		F30	D ASBURY	X 6326
142	204			NOT UNPACKED		

143	205	17897	R30 COMPUTER RM	WORKSTATION	
144	206	17895	F1	C PAVELIN	X 6391
145	207		NOT UNPACKED		
146	304	17892	G6	D DUCE	X 511
147	308	17894	F29	S J TUNSTALL	X 6387
148	309	17891	G8	K JEFREYS	X 6103
149	**327		R30.7	C PROSSER	X 6566
150	**328		NOT UNPACKED		
151	329		NOT UNPACKED		
152	**330	17900	R30.2	T WATSON	X 6146
153	**331		NOT UNPACKED		
154	**332	17889	F32	L O FORD	X 361
155	*212		ICL READING		
156	*213		ICL READING		
157	*214		BRACKNEL		
158	*215		BRACKNEL		
159	*216		BRACKNEL		
160	*221		BRACKNEL		
161	*222		BRACKNEL		
162	*223		BRACKNEL		
163	*224		BRACKNEL		
164	*225		BRACKNEL		
165	*226		BRACKNEL		
166	*227		BRACKNEL		
167	*228		BRACKNEL		
168	*321		BRACKNEL		
169	*322		BRACKNEL		
170	*323		BRACKNEL		
171	*324		BRACKNEL		
172	*325		BRACKNEL		
173	*326		BRACKNEL		
174	209		BRACKNEL		
175	210		BRACKNEL		
176	211		BRACKNEL		
177	217		BRACKNEL		
178	310		BRACKNEL		
179	311		BRACKNEL		
180	312		BRACKNEL		
181	313		BRACKNEL		
182	314		BRACKNEL		
183	315		BRACKNEL		
184	316		BRACKNEL		
185	317		BRACKNEL		
186	318		BRACKNEL		
187	319		BRACKNEL		
189	320		BRACKNEL		
190	233		NOT UNPACKED		
191	245		NOT UNPACKED		

** INDICATES 1 MEGABYTE MEMORY PERQS.
* INDICATES 1/2 MEGABYTE MEMORY PERQ.

PERQ FAULTS

SERC PERQ SERIAL NO

FAULT

113
328

MEMORY BOARD FAULTY
MEMORY BOARD FAULTY